

## ABSTRACT OF THE DISCLOSURE

A method for manufacturing an optical compensated bend nematic liquid crystal display panel and a structure thereof are described. A surface of a first glass substrate having a plurality of first spacers disposed thereon, wherein a first alignment layer is formed on the surface of the first glass substrate, is provided first in this method. Then, a mixture consisting essentially of a plurality of liquid crystal molecules and a plurality of monomers with long side chains, of which carbon number is over 7, is coated on the surface of the first glass substrate. Thereafter, the mixture is cured by UV irradiation and the monomers are transferred into polymers to form an isolation layer on top of the mixture. After a second glass substrate having a plurality of second spacers disposed thereon and a second alignment layer formed thereon is provided, the first glass substrate and the second glass substrate are aligned and assembled.

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